

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Hunter Douglas Architectural Products 5015 Oakbrook Parkway, Suite 100 Norcross, GA 30093

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 300C Vented Aluminum Exterior Ceiling System

APPROVAL DOCUMENT: Drawing No. 300C, titled "300C Product Specifications", sheets 1 through 11 of 11, dated 09/09/2015, prepared by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each piece shall be permanently marked at not more than 4' o.c. with a number or marking and the packaging shall include the manufacturer's name or logo, city, state, model number or name, Miami-Dade County NOA number, test standards and net free area per FBC 1710.9.2 and 1710.9.3.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**

MIAMI-DADE COUNTY
APPROVED

104/26/2016

NOA No. 16-0125.06 Expiration Date: May 5, 2021 Approval Date: May 5, 2016

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **300C**, titled "300C Product Specifications", sheets 1 through 11 of 11, dated 09/09/2015, prepared by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E.

B. TESTS

- 1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 along with marked-up drawings of 300C (16" Configuration) Aluminum Soffit
 System, prepared by Intertek-Architectural Testing, Inc., Test Report No. F1394.01550-18, dated 11/19/2015, signed and sealed by Justin P. McDonald, P.E.
- 2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 along with marked-up drawings of 300C (48" Configuration) Aluminum Soffit
 System, prepared by Intertek-Architectural Testing, Inc., Test Report No. F1394.02550-18, dated 11/19/2015, signed and sealed by Justin P. McDonald, P.E.
- 3. Test report on Wind Driven Rain Resistance Test per FBC, TAS 100(A)-95 and Tensile Test per ASTM E8/E8M-15a of a 300C Vented Aluminum Soffit, prepared by Intertek-Architectural Testing, Inc., Test Report No. **F1392.01-109-18**, dated 11/30/2015, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Structural and anchorage calculations prepared by Wolters Engineering, Inc., dated 01/19/2016, signed and sealed by Scott Wolters, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

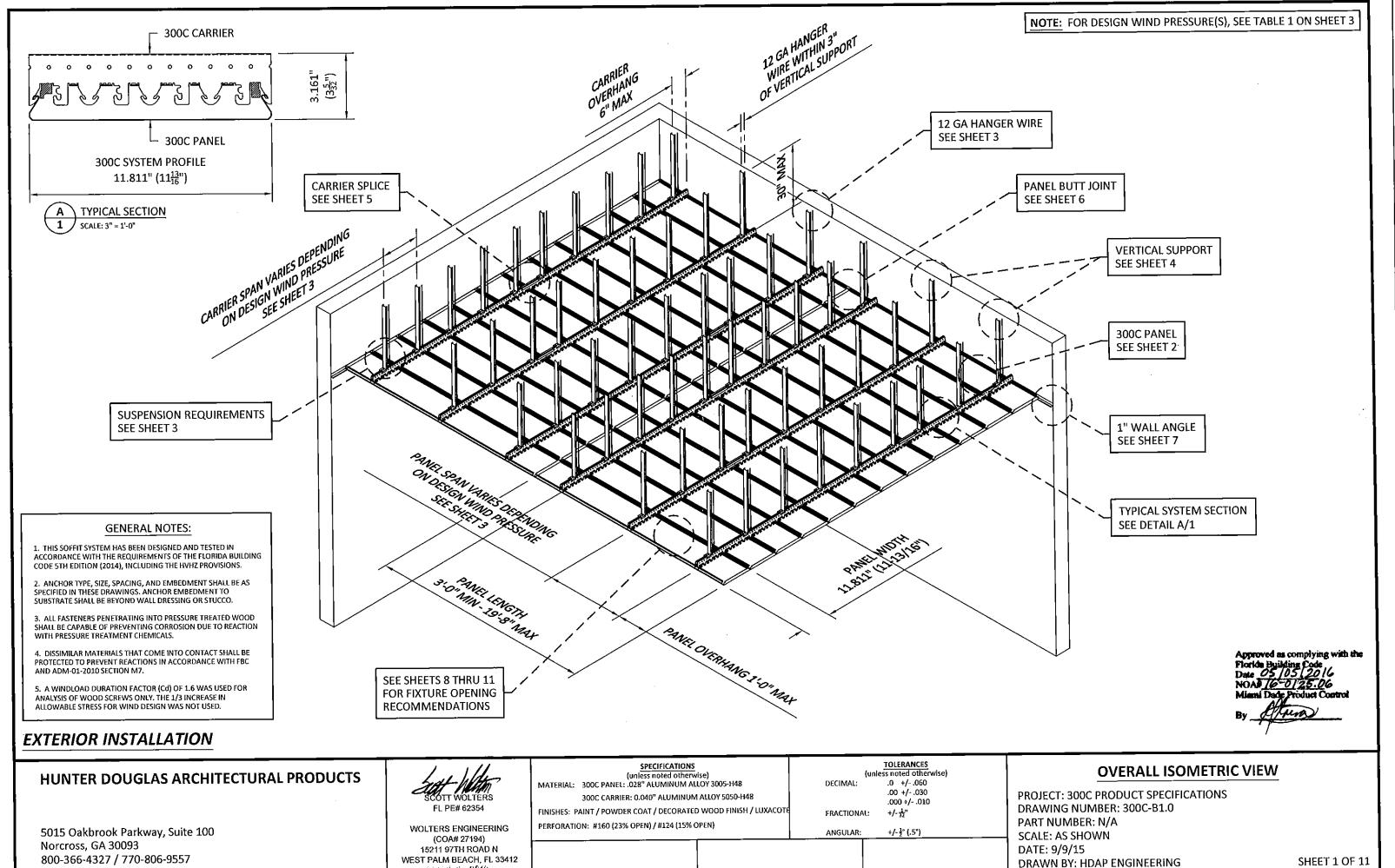
1. None.

F. STATEMENTS

- 1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Wolters Engineering, Inc., dated 01/19/2016, signed and sealed by Scott Wolters, P.E.
- 2. Statement letter of no financial interest issued by Wolters Engineering, Inc., dated 01/19/2016, signed and sealed by Scott Wolters, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 16-0125.06

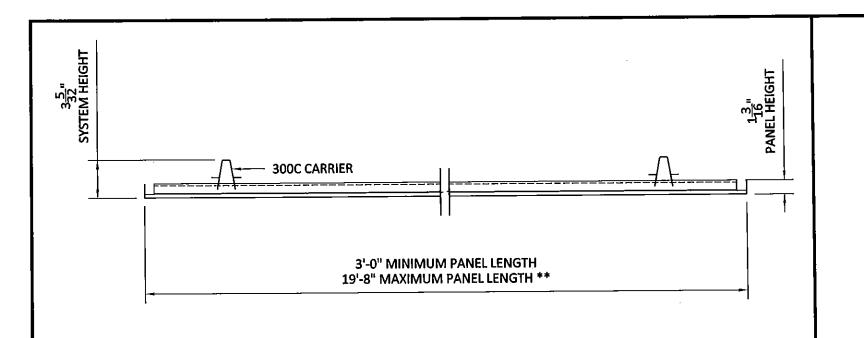
Expiration Date: May 5, 2021 Approval Date: May 5, 2016



JAN 19 2016

Fax: 770-806-0214

SHEET 1 OF 11



NON-PERFORATED **FACTORY PANEL END** 11<mark>25</mark>" (11.811") PANEL WIDTH ONLY 1<u>3</u>" Panel Height PERFORATION #124 AT **FACTORY PANEL END**

FACTORY SIDE PANEL VIEW

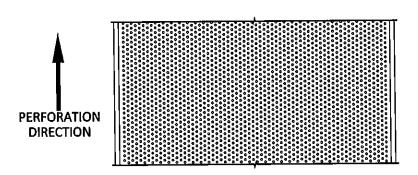
SCALE: 6'' = 1' - 0''

*VERTICAL SUPPORT OMITTED FOR CLARITY **PANEL LENGTHS VARIABLE IN 1 (.125") INCREMENTS, TOLERANCE +/-1

FACTORY END PANEL VIEW

SCALE: 3" = 1'-0"

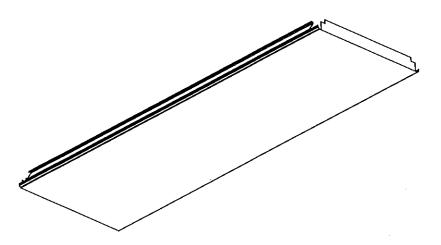
*SUSPENSION OMITTED FOR CLARITY



PERFORATION #124 PERF AREA 15% OPEN **HOLE DIAMETER 0.078**^t

300C PANEL MATERIAL THICKNESS

0.028" ALUMINUM



(INTERIOR AND EXTERIOR)

DECORATED (POWDER COAT) WOOD FINISH

LUXACOTE (EXTERIOR OR INTERIOR)

300C PANEL FINISHES

PAINTED AND POWDER COAT (INTERIOR AND

PANEL MATERIAL/FINISHES

SCALE: NOT TO SCALE

AVAILABLE PERFORATION

SCALE: 3" = 1'-0"

5015 Oakbrook Parkway, Suite 100 Norcross, GA 30093 800-366-4327 / 770-806-9557 Fax: 770-806-0214

SCOTT WOLTERS FL PE# 62354

WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N JAN 1 9 2016

MATERIAL: 300C PANEL: .028" ALUMINUM ALLOY 3005-H48 300C CARRIER: 0.040" ALUMINUM ALLOY 5050-H48

FINISHES: PAINT / POWDER COAT / DECORATED WOOD FINISH / LUXACOTI

.010. -/+ 000. FRACTIONAL: +/- 12n +/- ½° (.5°) ANGULAR:

DECIMAL:

TOLERANCES (unless noted otherwise)

.0 +/- .060

.00 +/- .030

PANEL SPEC

PROJECT: 300C PRODUCT SPECIFICATIONS DRAWING NUMBER: 300C-B1.1 PART NUMBER: N/A

EXTERIOR)

SCALE: AS SHOWN DATE: 9/9/15

DRAWN BY: HDAP ENGINEERING

SHEET 2 OF 11

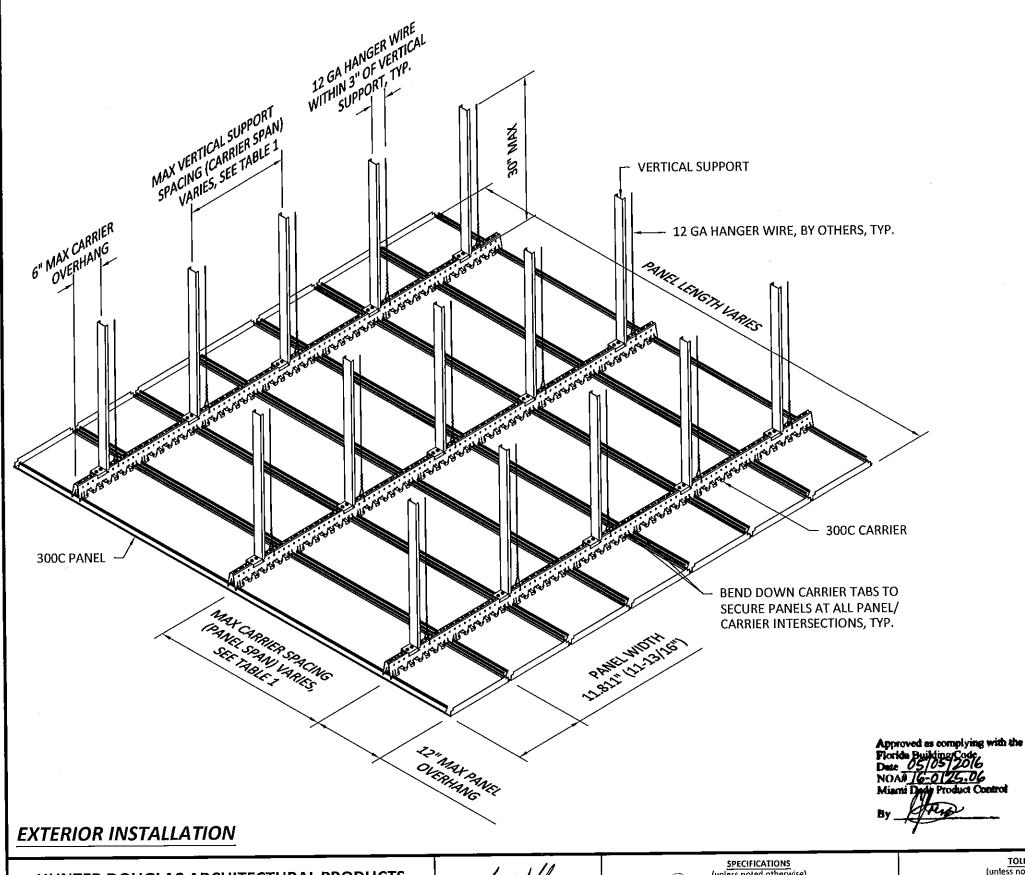
HUNTER DOUGLAS ARCHITECTURAL PRODUCTS

WEST PALM BEACH, FL 33412

SPECIFICATIONS

(unless noted otherwise)

PERFORATION: #160 (23% OPEN) / #124 (15% OPEN)



NOTE A:

CARRIER SPACING (PANEL SPAN) AND CARRIER SPAN (HANGER WIRE & VERTICAL SUPPORT SPACING) VARIES DEPENDING ON DESIGN WIND PRESSURE (POUNDS PER SQUARE FOOT). AS A GENERAL GUIDE, REFER TO THE DETAIL AND WIND LOAD TABLE 1 BELOW FOR CARRIER SPACING AND CARRIER SPAN. THE WIND LOAD CRITERIA IS BASED ON USING 3 OR MORE ROWS OF CARRIER. MAXIMUM PANEL OVERHANG = 12". MAXIMUM CARRIER OVERHANG = 6".

HANGER WIRE (12 GA MIN.) MUST BE LOCATED AT EACH VERTICAL SUPPORT STRUT. VERTICAL SUPPORT STRUT MUST NOT EXCEED SPACING SHOWN FOR A GIVEN DESIGN WIND PRESSURE. SEE DRAWING # 300C-B1.3 FOR VERTICAL SUPPORT SPECIFICATION. HANGER WIRE AND VERTICAL SUPPORT STRUT MUST BE ATTACHED TO STRUCTURE ABOVE TO SAFELY SUPPORT ALL LOADS IMPOSED BY SOFFIT SYSTEM. ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

300C CARRIER

MATERIAL: FINISH:

.040" ALUMINUM MATTE BLACK

PART LENGTH:

16'-0"

TABLE 1 - DESIGN WIND LOAD - 300C EXTERIOR CEILING SYSTEM

PANEL MATERIAL: .028" ALUMINUM **CARRIER MATERIAL: .040" ALUMINUM**

ALLOWABLE CARRIER SPACING (PANEL SPAN) ALLOWABLE CARRIER SUPPORT SPACING (HANGER WIRE/VERTICAL SUPPORT SPACING)

* CARRIER SPACING BASED ON USING 3 OR MORE CARRIERS

** POUNDS PER SQUARE FOOT CARRIER SPAN **CARRIER SPACING * DESIGN WIND PRESSURE** (VERTICAL SUPPORT SPACING) (PANEL SPAN) (POSITIVE OR NEGATIVE PSF**) 48" 20 20" 36" 25 20" 30" 30 20" 26" 35 20" 24" 40 20" 21" 45 20" 20" 50 20" 19" 55 20" 18" 60

HUNTER DOUGLAS ARCHITECTURAL PRODUCTS

5015 Oakbrook Parkway, Suite 100 Norcross, GA 30093 800-366-4327 / 770-806-9557 Fax: 770-806-0214

FL PE# 62354

WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 JAN 19 2016

(unless noted otherwise)

MATERIAL: 300C PANEL: .028" ALUMINUM ALLOY 3005-H48 300C CARRIER: 0.040" ALUMINUM ALLOY 5050-H48

FINISHES: PAINT / POWDER COAT / DECORATED WOOD FINISH / LUXACOTI PERFORATION: #160 (23% OPEN) / #124 (15% OPEN)

FRACTIONAL: ANGULAR:

DECIMAL:

 $+/-\frac{1}{32}^{\pi}$ +/-½° (.5°)

TOLERANCES

(unless noted otherwise)

.0 +/- .060

.00 +/- .030

.010. -/+ 000.

SUSPENSION SPEC

20"

PROJECT: 300C PRODUCT SPECIFICATIONS DRAWING NUMBER: 300C-B1.2

PART NUMBER: N/A SCALE: NOT TO SCALE

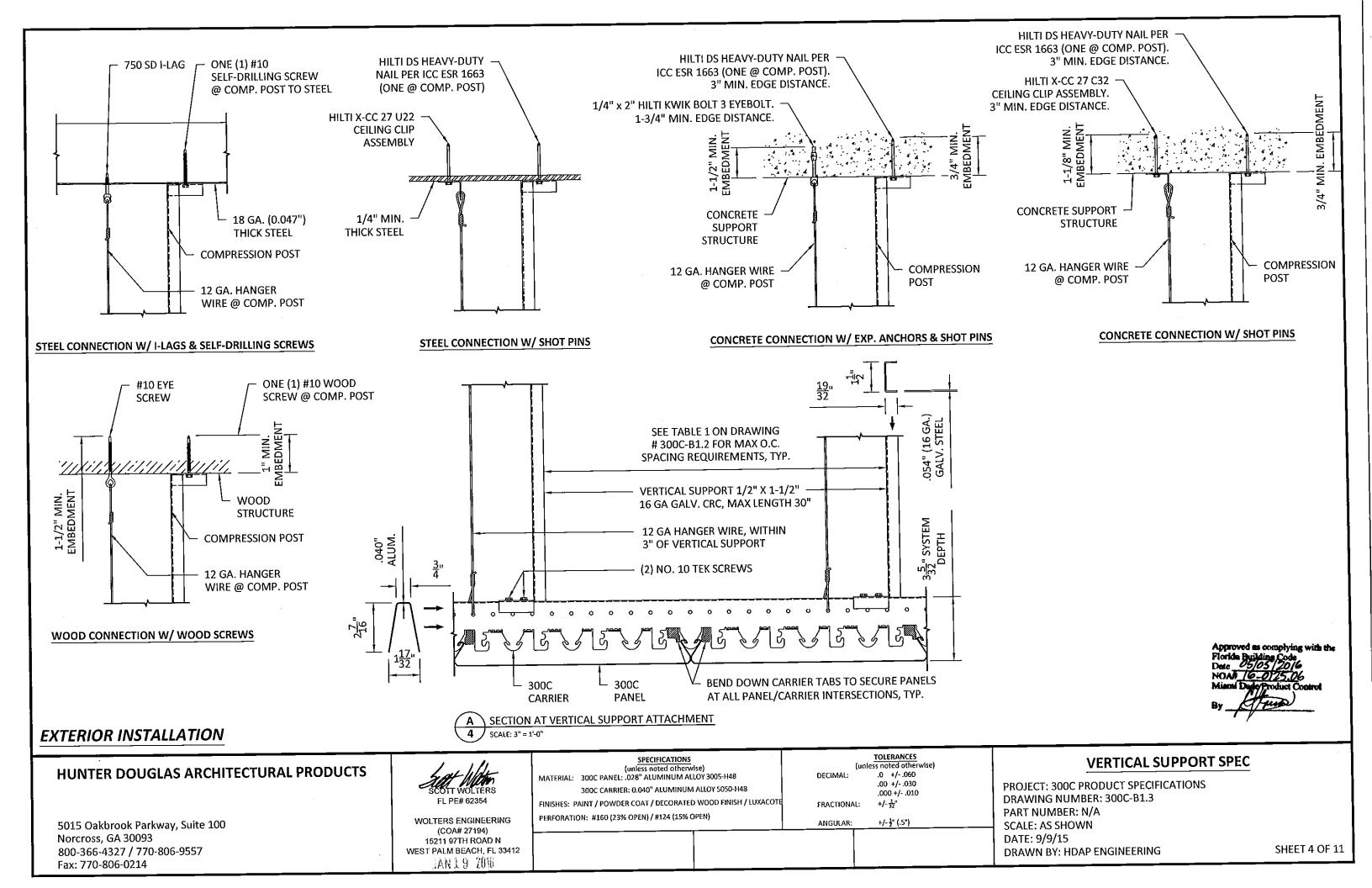
DATE: 9/9/15

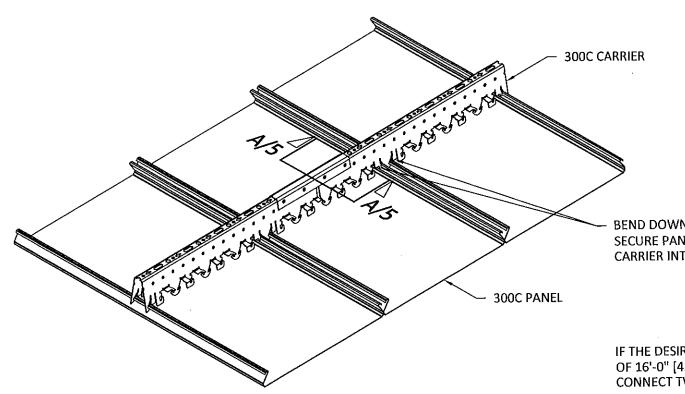
75

DRAWN BY: HDAP ENGINEERING

16"

SHEET 3 OF 11

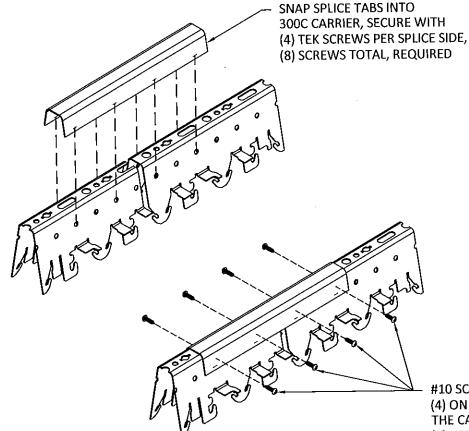




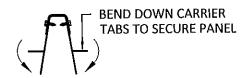
BEND DOWN CARRIER TABS TO SECURE PANELS AT ALL PANEL/ CARRIER INTERSECTIONS, TYP.

IF THE DESIRED CARRIER LENGTH EXCEEDS THE MAXIMUM OF 16'-0" [4.880M], USE A LUXALON CARRIER SPLICE, TO CONNECT TWO FACTORY CARRIER ENDS.

THE TABS OF THE SPLICE SNAP INTO THE HOLES IN THE CARRIER AND SECURE WITH TEK SCREWS ON BOTH CARRIER ENDS. THE MODULE IS CONTINUED AUTOMATICALLY.



#10 SCREW FASTENERS (4) ON EACH SIDE OF THE CARRIER; (8) TOTAL, REQUIRED





EXTERIOR INSTALLATION

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FL PE# 62354

WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 <u>IAN 19 2016</u>

SPECIFICATIONS (unless noted otherwise)
MATERIAL: 300C PANEL: .028" ALUMINUM ALLOY 3005-H48

300C CARRIER: 0.040" ALUMINUM ALLOY 5050-H48 FINISHES: PAINT / POWDER COAT / DECORATED WOOD FINISH / LUXACOTE

PERFORATION: #160 (23% OPEN) / #124 (15% OPEN)

TOLERANCES

(unless noted otherwise) .0 +/-.060 .00 +/-.030 DECIMAL: .010. -/+ .010

+/- 1/2 FRACTIONAL:

+/- ½° (.5°)

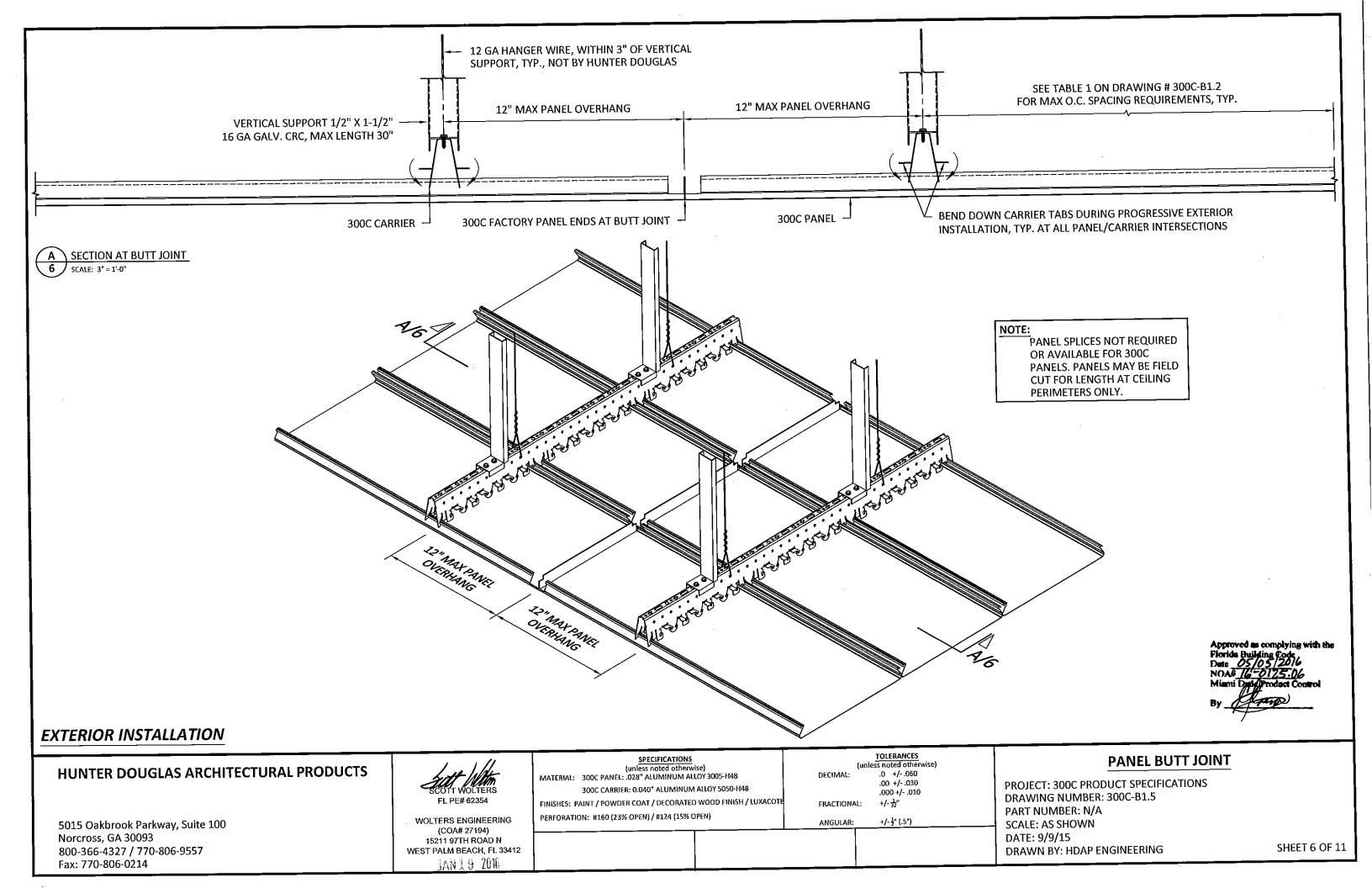
CARRIER SPLICE

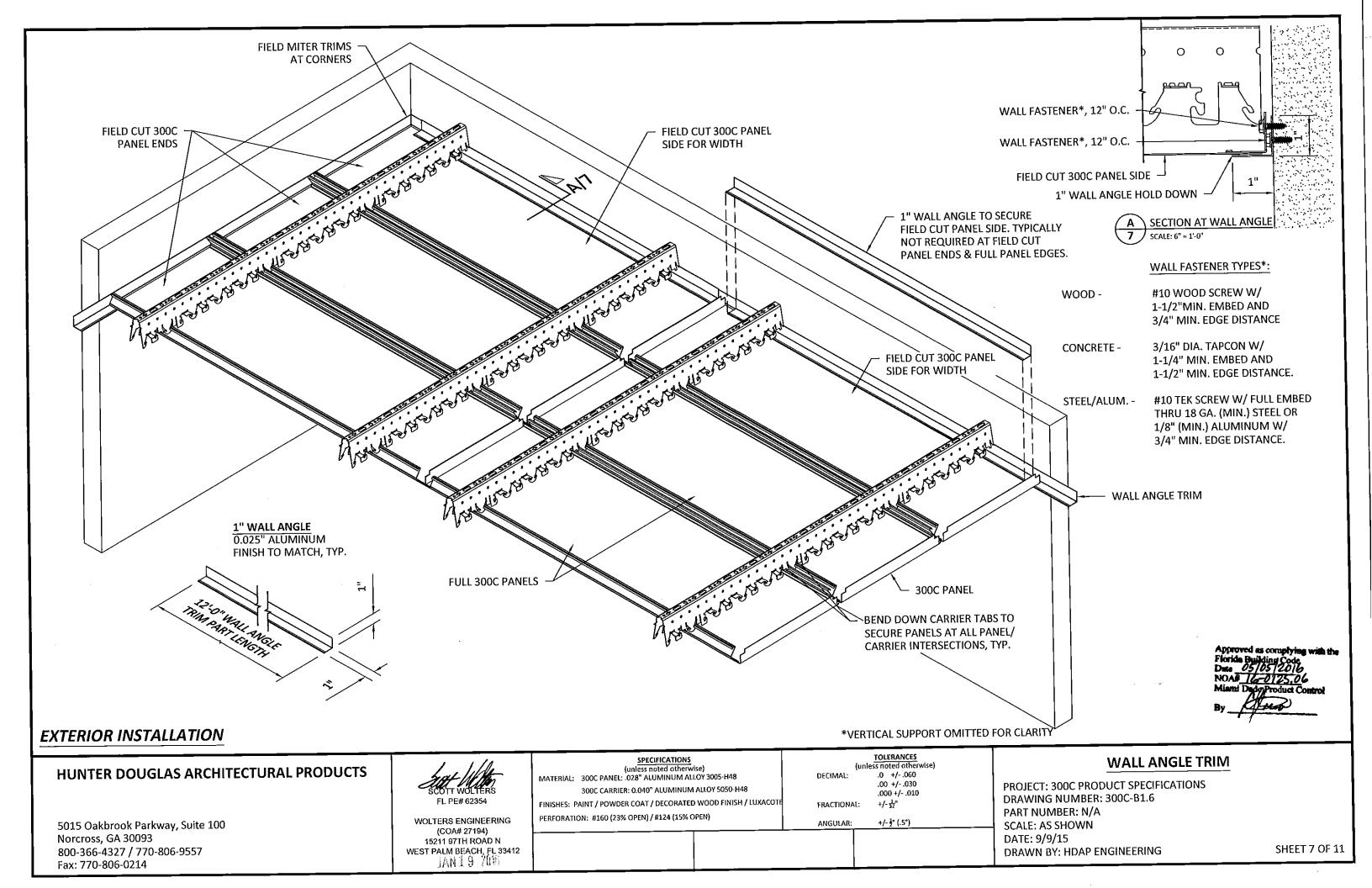
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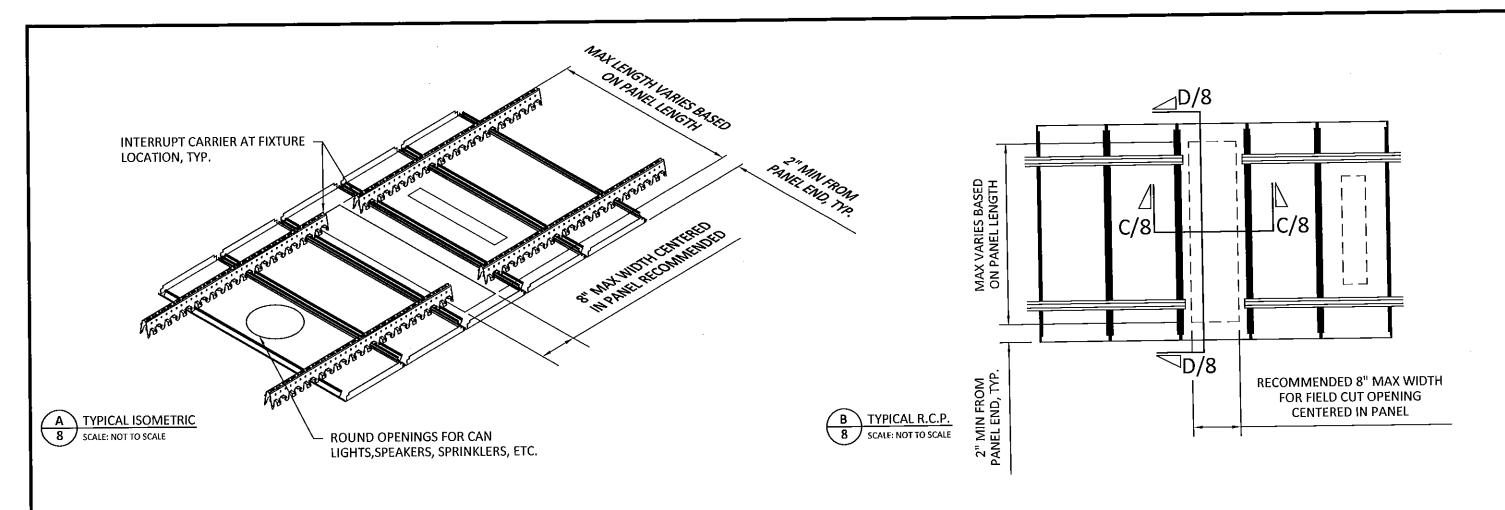
PART NUMBER: N/A SCALE: AS SHOWN

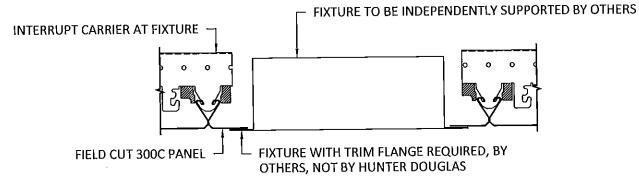
DATE: 9/9/15 DRAWN BY: HDAP ENGINEERING

SHEET 5 OF 11

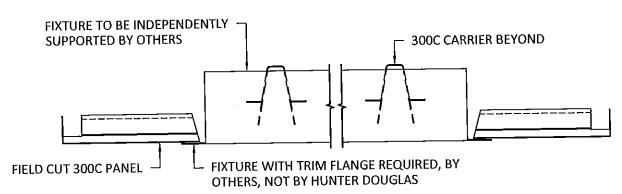












D SECTION AT FIXTURE OPENING

8 SCALE: 3" = 1'-0"

NOTE: ROUND OPENINGS LESS THAN EIGHT (8) INCHES DIAMETER TYPICALLY FIELD CUT INTO PANEL FACE, TRIM FOR ALL FIXTURES BY OTHERS, NOT BY HUNTER DOUGLAS

*VERTICAL SUPPORT OMITTED FOR CLARITY

HUNTER DOUGLAS ARCHITECTURAL PRODUCTS

5015 Oakbrook Parkway, Suite 100 Norcross, GA 30093 800-366-4327 / 770-806-9557 Fax: 770-806-0214 SCOTT WOLTERS FL PE# 62354

WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 JANIO 2016 SPECIFICATIONS
(unless noted otherwise)
MATERIAL: 300C PANEL: .028" ALUMINUM ALLOY 3005-H48
300C CARRIER: 0.040" ALUMINUM ALLOY 5050-H48

300C CARRIER: 0.040" ALUMINUM ALLOY 5050-H48

FINISHES: PAINT / POWDER COAT / DECORATED WOOD FINISH / LUXACOTE
PERFORATION: #160 (23% OPEN) / #124 (15% OPEN)

TOLERANCES
(unless noted otherwise)

DECIMAL: .0 +/- .060
.00 +/- .030
.000 +/- .010

FRACTIONAL: +/- ½° (.5°)

ANGULAR: +/- ½° (.5°)

FIELD CUT PANEL FOR FIXTURE OPENINGS

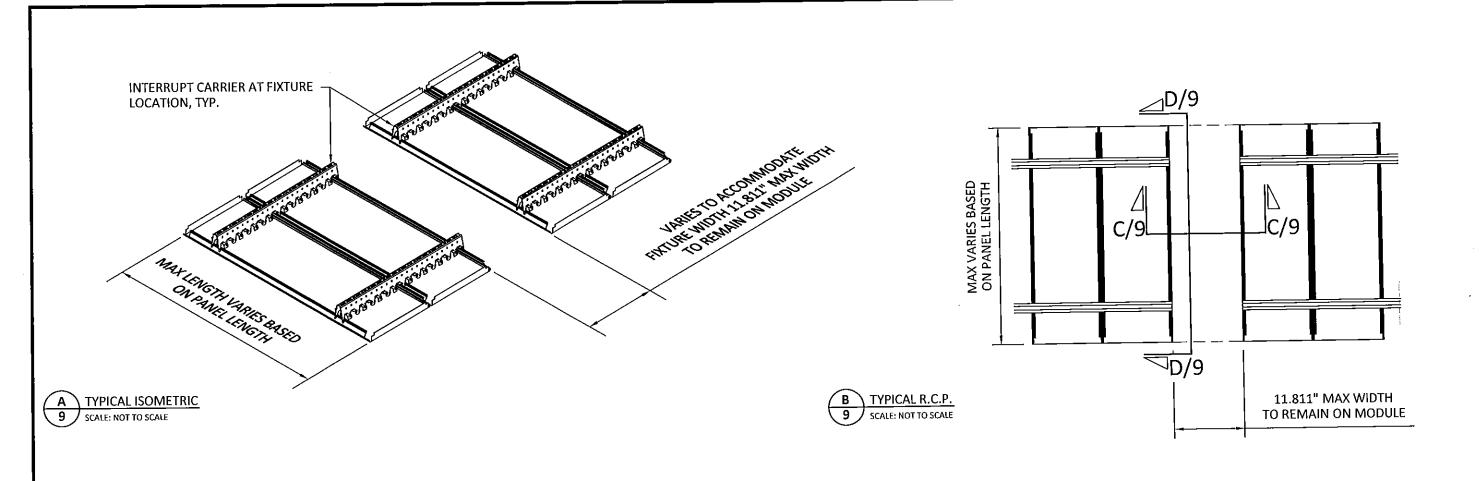
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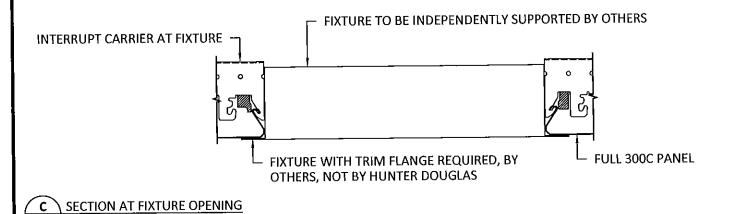
SCALE: AS SHOWN DATE: 9/9/15

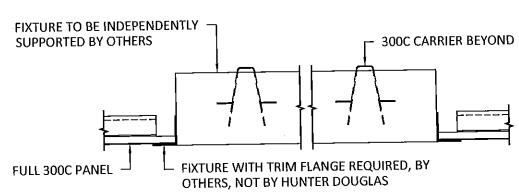
DRAWN BY: HDAP ENGINEERING

SHEET 8 OF 11

Approved as complying with the







SECTION AT FIXTURE OPENING SCALE: 3" = 1'-0"

NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

*VERTICAL SUPPORT OMITTED FOR CLARITY

HUNTER DOUGLAS ARCHITECTURAL PRODUCTS

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800-366-4327 / 770-806-9557 Fax: 770-806-0214

9 | SCALE: 3" = 1'-0"

FL PE# 62354

WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412

IAN 19 2016

SPECIFICATIONS (unless noted otherwise) MATERIAL: 300C PANEL: .028" ALUMINUM ALLOY 3005-H48 300C CARRIER: 0.040" ALUMINUM ALLOY 5050-H48

FINISHES: PAINT / POWDER COAT / DECORATED WOOD FINISH / LUXACOTE PERFORATION: #160 (23% OPEN) / #124 (15% OPEN)

TOLERANCES (unless noted otherwise) 0 +/ .060 DECIMAL: .00 +/- .030 .000 +/- .010 +/- 12n FRACTIONAL: +/-½° (.5°)

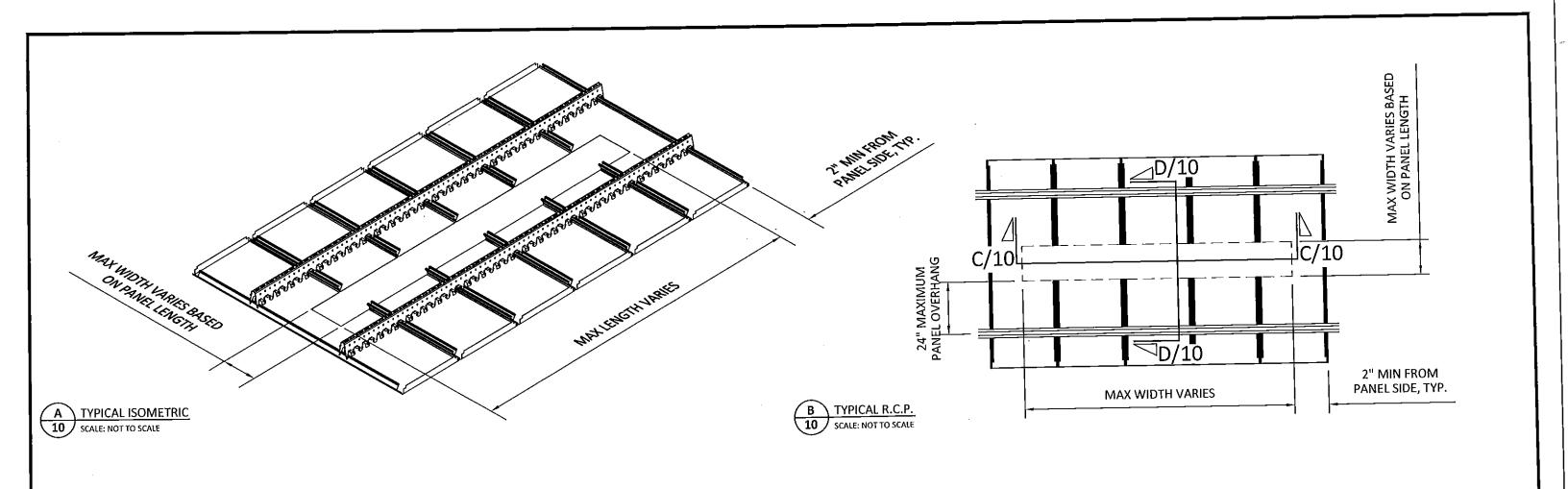
INTERRUPTED PANEL FOR FIXTURE OPENINGS

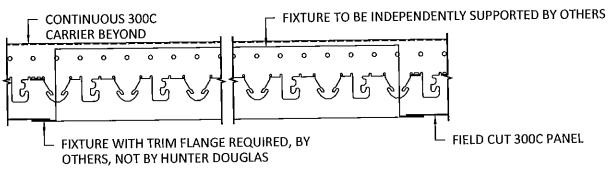
PROJECT: 300C PRODUCT SPECIFICATIONS DRAWING NUMBER: 300C-B1.9 PART NUMBER: N/A

SCALE: AS SHOWN DATE: 9/9/15

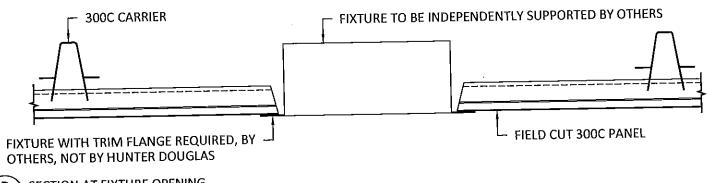
DRAWN BY: HDAP ENGINEERING

SHEET 9 OF 11





C SECTION AT FIXTURE OPENING 10 | SCALE: 3" = 1'-0"



SECTION AT FIXTURE OPENING 10 / SCALE: 3" = 1'-0"

NOTE: ROUND OPENINGS LESS THAN EIGHT (8) INCHES DIAMETER TYPICALLY FIELD CUT INTO PANEL FACE, TRIM FOR ALL FIXTURES BY OTHERS, NOT BY HUNTER DOUGLAS

*VERTICAL SUPPORT OMITTED FOR CLARITY

HUNTER DOUGLAS ARCHITECTURAL PRODUCTS

5015 Oakbrook Parkway, Suite 100 Norcross, GA 30093

800-366-4327 / 770-806-9557 Fax: 770-806-0214

FL PE# 62354 WOLTERS ENGINEERING

(COA# 27194)

15211 97TH ROAD N

WEST PALM BEACH, FL 33412 JAN 19 7000

SPECIFICATIONS (unless noted otherwise) MATERIAL: 300C PANEL: 028" ALUMINUM ALLOY 3005-H48 300C CARRIER: 0.040" ALUMINUM ALLOY 5050-H48

FINISHES: PAINT / POWDER COAT / DECORATED WOOD FINISH / LUXACOTI PERFORATION: #160 (23% OPEN) / #124 (15% OPEN)

(unless noted otherwise) .0 +/- .060 DECIMAL: .00 +/- .030 .000 +/- .010 FRACTIONAL: +/- 11n +/- ½° (.5°) ANGULAR:

TOLERANCES

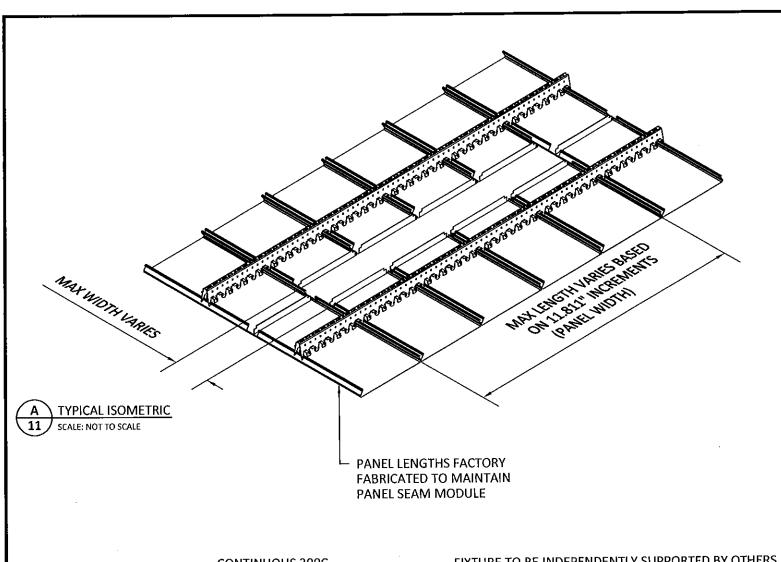
FIELD CUT PANEL FOR FIXTURE OPENINGS

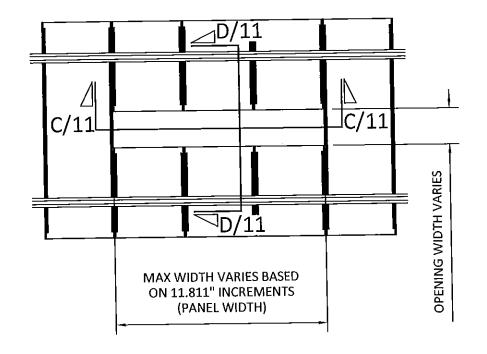
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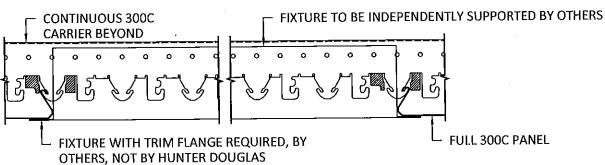
SCALE: AS SHOWN DATE: 9/9/15

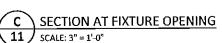
DRAWN BY: HDAP ENGINEERING

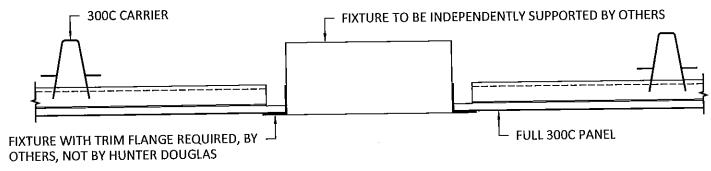
SHEET 10 OF 11











SECTION AT FIXTURE OPENING SCALE: 3" = 1'-0"

B TYPICAL R.C.P.

11 / SCALE: NOT TO SCALE

NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

HUNTER DOUGLAS ARCHITECTURAL PRODUCTS

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WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412

IAN 19 2016

SPECIFICATIONS (unless noted otherwise) MATERIAL: 300C PANEL: .028" ALUMINUM ALLOY 3005-H48

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FINISHES: PAINT / POWDER COAT / DECORATED WOOD FINISH / LUXACOTI PERFORATION: #160 (23% OPEN) / #124 (15% OPEN)

TOLERANCES (unless noted otherwise) .060 -/+ 060 DECIMAL:

*VERTICAL SUPPORT OMITTED FOR CLARITY

00 +/- .030 .000 +/- .010

FRACTIONAL: +/- \frac{1}{32}n

+/-½° (.5°) ANGULAR:

INTERRUPTED PANEL FOR FIXTURE OPENINGS

PROJECT: 300C PRODUCT SPECIFICATIONS DRAWING NUMBER: 300C-B1.11

PART NUMBER: N/A SCALE: AS SHOWN

DATE: 9/9/15 DRAWN BY: HDAP ENGINEERING

SHEET 11 OF 11

Approved as complying with the